

**Perkins, Brandon**

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**From:** Lynch, Kira  
**Sent:** Thursday, January 24, 2013 2:06 PM  
**To:** Bailey, Marcia; Perkins, Brandon  
**Subject:** Fw: Facility Map

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----- Forwarded by Kira Lynch/R10/USEPA/US on 01/24/2013 02:06 PM -----

**From:** "Fish, James T (DEC)" <james.fish@alaska.gov>  
**To:** JohnT Wilson/ADA/USEPA/US@EPA  
**Cc:** Kira Lynch/R10/USEPA/US@EPA, "Cardona, Tamara (DEC)" <tamara.cardona@alaska.gov>  
**Date:** 01/24/2013 02:02 PM  
**Subject:** Facility Map

John,

Attached are two maps that may come in handy for orientation – one of the refinery, and one showing October 2012 sulfolane concentrations in off-site private wells. Groundwater flow is generally north-northwest.

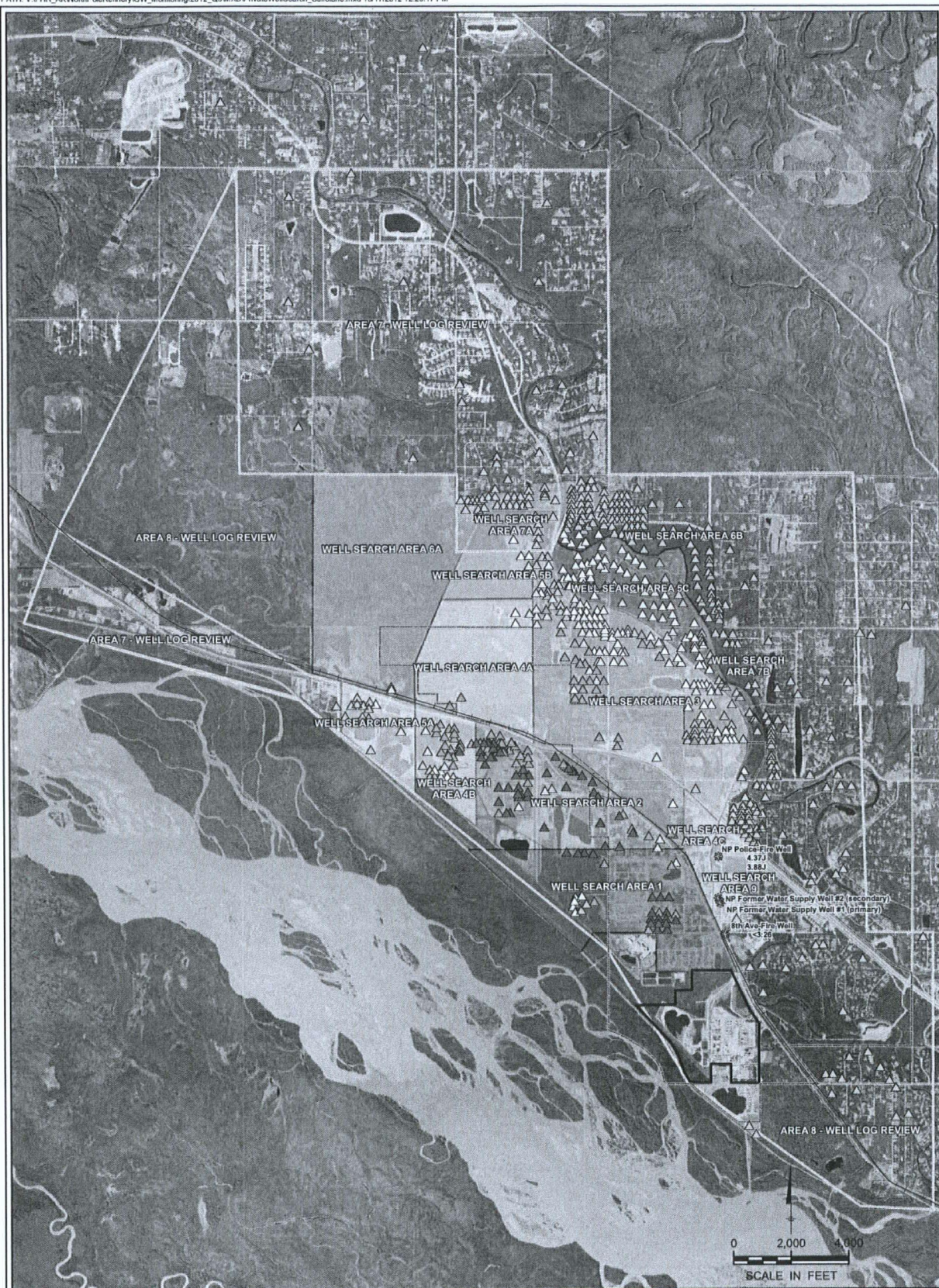
Talk to you tomorrow.

Jim



NPR\_3Q12\_GWM AppendixA-FHRA  
R.pdf FacilityMap.pdf





**LEGEND:**

**Private Well Sulfolane Results**

- △ Not Detected
- △ 3.2 µg/L - 14 µg/L (J-flagged)
- △ 14 µg/L - 25 µg/L
- △ 25 µg/L - 100 µg/L
- ▲ Greater than 100 µg/L

**MUNICIPAL WELLS**

- NORTH POLE CITY BOUNDARY
- FHRA PROPERTY BOUNDARY
- WELL LOG SEARCH AREAS

FLINT HILLS RESOURCES ALASKA, LLC  
 NORTH POLE REFINERY, NORTH POLE, ALASKA  
 THIRD QUARTER 2012  
 GROUNDWATER MONITORING REPORT

**PRIVATE WELL SEARCH AREAS  
 AND SULFOLANE RESULTS**

**ARCADIS**

FIGURE

**4**

IMAGE DATE JUNE 9, 2007



